

Aprilaire[®]

High Efficiency Air Cleaners

A cleaner,
healthier home
begins with **Aprilaire**



Indoor allergens constitute a substantial public health problem.

*- National Academy of Sciences,
Institute of Medicine*

Poor indoor air quality can threaten your health

Most people spend over 90% of their time indoors, not knowing that the air they are breathing may be more polluted than the air outside. The Environmental Protection Agency has reported that indoor air pollution levels can be 100 times higher than the air outdoors.

Even in the cleanest homes, the air you breathe can be littered with dust, pollen and other harmful contaminants. A cubic foot of air can have as many as 30 million pollutants — particles so small, they're invisible. And, in this case, it's what you can't see that can hurt you.

Breathing contaminated air puts the health of you and your family at risk. In fact, the American College of Allergists says that 50% of illnesses are caused or aggravated by polluted indoor air. So take control of your indoor air quality by reducing pollutants that can contribute to headaches, lung irritation and fatigue, as well as more long-term conditions like asthma, allergies and infectious diseases.

Discover clean air solutions for your entire home

Thankfully, you can help protect the health of your family and improve the comfort of your entire home. Installing an air cleaning system as part of your heating/cooling system will ensure fresher and cleaner indoor air.

Air cleaners remove harmful contaminants like pollen, smoke, bacteria, viruses, mold and dust from the home environment. As air is drawn to the central forced-air heating/cooling system, it passes through the air cleaner where the particles of dirt and dust are trapped. The clean air is then re-circulated throughout your entire home.

Find the product that works for you

But not all air cleaners are the same. The typical furnace filter is simply not enough. It only traps very large particles that you can see, things like dirt and hair, but it removes less than 20% of the pollutants in your home. Aprilaire High Efficiency Air Cleaners are up to 99% effective at removing particles you can't even see from the air your family breathes.

Our air cleaners get better over time and can clean continuously when you turn your thermostat fan setting to the "on" position. Aprilaire filtering media actually works better as it collects particles. Take advantage today of the most effective technology on the market with Aprilaire High Efficiency Air Cleaners.



For over 60 years, Aprilaire has been protecting homes and families by enhancing home environments and improving indoor air.

The Aprilaire Media Air Cleaner

[Models 2200 and 2400]

A tradition of excellence

Using technology that set industry standards for excellence, Aprilaire Media Air Cleaners play an integral role in making your home a healthier and more comfortable place to be. They are **engineered to remove allergy-causing particles** from the air you breathe.

If you are concerned about removing pollen, spores, dust and lint from every room in your home, or if you want an excellent high-efficiency air cleaner that removes particles smaller than you can see, the Aprilaire Media Air Cleaner is for you.

Proven performance

- Greater than **98% effective** at removing pollen and spores, providing relief from allergy-irritating particles and other airborne pollutants
- **Protects your expensive heating and cooling equipment** by reducing contaminant build-up, which can reduce efficiency by 10-25%
- Operates **efficiently in complete silence** because there are no moving parts
- **Requires very little maintenance** because the filtering media lasts 1-2 years
- **Works better over time.** As particles are trapped, filtering media actually filters more and more contaminants

The Aprilaire Electronic Air Cleaner

[Model 5000]

The next generation of air cleaning technology is here

Beyond other air cleaners that simply remove some small, visible particles from the air, the Aprilaire Model 5000 Electronic Air Cleaner works like a powerful magnet to attract and retain pollutants 1,000 times smaller than you can see.

Rated #1 by a leading consumer publication, the Aprilaire Model 5000 Electronic Air Cleaner is the **highest performing electronic air cleaner available** in the residential market and the only air cleaner that effectively removes virus-sized particles from the air your family breathes. Designed to operate in complete silence, it is essential for the ultimate in comfort and protection. If you're looking for the best performing electronic air cleaner available, the Aprilaire Model 5000 is for you.



Electronic Air Cleaner

Media Air Cleaner

mi•cron (mi'kron) – a unit equal to one-millionth of a meter or 1/25,400 inch

A human hair is approximately 100 microns in diameter.*

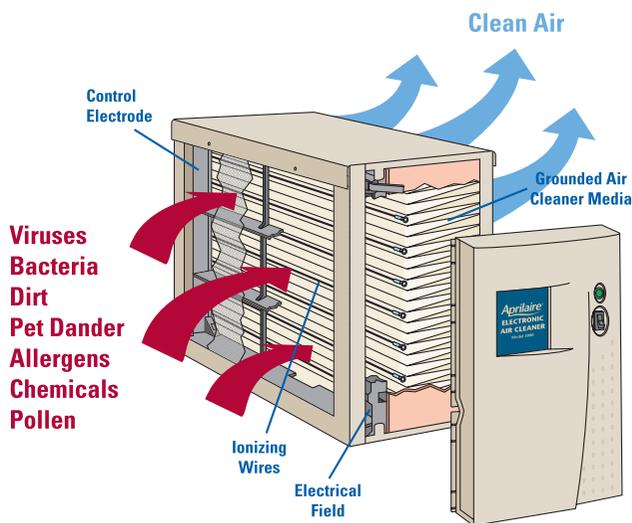
* American Society of Heating, Refrigeration and Air Conditioning Engineers (ASHRAE) Guide



actual 8 micron dust particle magnified 1,500 times

Protect your home like never before with our Electronic Air Cleaner

- Unsurpassed performance
 - The **only** practical whole-home air cleaner that removes virus-sized airborne particles at the rate of 80%
 - The **only** practical whole-home air cleaner that removes airborne microscopic respirable dust at the rate of 94%
- Effectively protects your family against particles **1,000** times smaller than you can see
- Helps **minimize** airborne contaminants that can aggravate the symptoms of colds, flu, asthma and allergies
- **Silent operation** – innovative design eliminates snapping and popping that occurs in conventional plate-type electronic air cleaners
- **Permanently traps particles**, preventing them from discharging back into the air stream
- **Simple and infrequent maintenance**; filtering media lasts 1 year



The Aprilaire Electronic Air Cleaner charges particles and then permanently traps them with its patented filtering media for the most advanced cleaning power on the market.

The highest standards in air cleaning efficiency

		Particle Size (in microns)						
		0.01	0.35	0.5	1.0	2.0	5.0	10.0
Efficiency*	Aprilaire Electronic Air Cleaner	80%	94%	95%	98%	98.5%	>99.5%	>99.9%
	Plate-Type Electronic Air Cleaner	—	72%	81%	92%	94%	—	—
	Aprilaire Media Air Cleaner	**	**	**	46%	70%	97%	98%
	1" Furnace Filter	**	**	**	**	**	<20%	<20%
Particles	Viruses	[Red bar: 80% efficiency]						
	Tobacco Smoke	[Dark blue bar: 94% efficiency]						
	Respirable Dust	[Green bar: 95% efficiency]						
	Bacteria	[Grey bar: 98% efficiency]						
	Pet Dander	[Dark grey bar: 98.5% efficiency]						
	Fungi	[Light blue bar: 98.5% efficiency]						
	Pollen	[Orange bar: 99.5% efficiency]						

* Based on particle size
 ** Efficiency not of perceptible value
 — Efficiency not published by other manufacturers

The top-notch performance of Aprilaire Air Cleaners has been proven as a result of rigorous laboratory testing according to industry standard guidelines set by the American Society of Heating, Refrigeration and Air Conditioning Engineers (ASHRAE).

More value for your home

Make your life easier by buying both the Aprilaire Air Cleaner and the Aprilaire 8300 Thermostat. The thermostat tells you when you need to replace your media. This ensures a clean and comfortable indoor environment for your family.





The best way to prevent and/or control allergen-caused disease is to prevent exposure to the allergenic agent. Avoidance of specific allergens can lessen the probability of initial sensitization and, for individuals with known sensitivity, it can improve their condition dramatically by reducing the cascade of symptoms.

**- National Academy of Sciences,
Institute of Medicine**

Benefit from the best air cleaners on the market

Clean indoor air makes breathing easier, and it protects your family, home and furnishings. When dust and other contaminants build up in your furnace or air conditioner, they can decrease efficiency by 10-25% and cause premature breakdown. Aprilaire Air Cleaners prevent blowers and coils from collecting dust and dirt, keeping your duct work cleaner and your equipment working for you.

Installing an Aprilaire Air Cleaner will also help your home's furnishings last longer. When the air cleaner traps dirt, dust and pollen, your carpeting, draperies and upholstered furniture will stay cleaner. Walls will require painting, cleaning and papering less frequently. And all this means less work for you. So, enjoy the whole-home benefits of installing an Aprilaire High Efficiency Air Cleaner today.

Trust the Indoor Air Quality leader

There is no single test that can be used to identify all possible pollutants in your home. But there is a single air cleaner you can have installed to improve the air quality throughout every room of your home – an Aprilaire High Efficiency Air Cleaner.

Our products set industry standards time and again for their superior performance and cutting-edge technology. Aprilaire High Efficiency Air Cleaners operate silently and require minimal maintenance. They offer highly efficient HEPA-type filtering media to trap a wide range of particle types and sizes, ranging from dust and pollen to bacteria and viruses. You also benefit from the pleated design of our filters, which have more than 72 square feet of particle-trapping surface. This means your heating/cooling system can have a much longer service life, and your filtering media will last one year or longer.

Make the perfect choice

Aprilaire offers two types of high efficiency air cleaners, each meeting specific needs to create a cleaner and healthier home. The Aprilaire Media Air Cleaner offers proven performance and comforting relief from pollutants that can aggravate allergy symptoms; the Aprilaire Electronic Air Cleaner provides the single highest performance on the market to protect your family, home and everything in it. Both offer you an opportunity to make the perfect choice for your family's needs.

Essential for cleaner, healthier homes

Poor indoor air affects every room in your house, so why not choose an air cleaner that removes damaging pollutants from your entire home. Aprilaire High Efficiency Air Cleaners are installed by local professionals as part of your heating/cooling system. They operate silently and require little maintenance — protecting your family, home and equipment. Your family deserves the best, so why not give them the best — clean and healthy air, courtesy of Aprilaire.



Electronic Air Cleaner

Media Air Cleaner

For more information about Aprilaire High Efficiency Air Cleaners, contact your heating/cooling contractor today.

Fresh Ideas For Indoor Air

For enhanced health, comfort and efficiency, Aprilaire offers an entire line of indoor air quality solutions. To learn all about Fresh Ideas for Indoor Air, visit us at www.aprilaire.com.

- Automatic Humidifiers** — Deliver optimum humidity throughout your home to eliminate dry nose and throat and itchy skin and to reduce the chance of upper-respiratory problems
- Electronic Thermostats** — Combine easy programming, pinpoint accuracy and digital controls to provide you with the ultimate in both comfort and energy savings
- Ventilation** — Ensure a supply of clean and fresh air into your home to make it more healthy, comfortable and energy efficient
- UV Germicidal Lamps** — Reduce the risk of odors, illnesses and bothersome allergies from bacteria, fungi and molds growing within your cooling system evaporator coil
- Zone Control Systems** — Control temperature in each room based on your needs to eliminate hot and cold spots
- Air Cleaners** — Deliver cleaner and healthier air to improve the comfort of your family and to protect the performance of your heating/cooling equipment